

**Table B-151. Part-time non-Hispanic black U.S. citizen or permanent resident graduate students in science, engineering, and health fields in all institutions and historically black colleges and universities, by field and sex: 1996-1998**

Field	Men			Women		
	1996	1997	1998	1996	1997	1998
Total, all black students						
Total, all surveyed fields .....	3,729	3,739	3,940	6,258	6,262	6,566
Total, science and engineering fields .....	3,467	3,435	3,600	4,618	4,506	4,789
Sciences, total .....	2,606	2,590	2,694	4,247	4,148	4,453
Physical sciences .....	109	115	91	108	96	94
Earth, atmospheric, and ocean sciences .....	48	34	38	45	34	32
Mathematical sciences .....	147	139	133	142	132	125
Computer sciences .....	437	458	501	366	350	382
Agricultural sciences .....	48	22	59	26	31	44
Biological sciences .....	163	147	173	334	290	350
Psychology .....	313	369	330	1,055	1,054	1,091
Social sciences .....	1,341	1,306	1,369	2,171	2,161	2,335
Engineering .....	861	845	906	371	358	336
Health fields .....	262	304	340	1,640	1,756	1,777
Black students in HBCUs						
Total, all surveyed fields .....	518	521	512	780	803	847
Total, science and engineering fields .....	497	491	478	723	718	748
Sciences, total .....	445	446	433	703	700	716
Physical sciences .....	32	38	18	30	33	26
Earth, atmospheric, and ocean sciences .....	9	8	12	16	13	11
Mathematical sciences .....	29	26	16	29	23	24
Computer sciences .....	53	47	66	74	58	53
Agricultural sciences .....	24	8	22	20	11	17
Biological sciences .....	44	39	52	80	84	105
Psychology .....	50	94	34	121	109	111
Social sciences .....	204	186	213	333	369	369
Engineering .....	52	45	45	20	18	32
Health fields .....	21	30	34	57	85	99
Percent in HBCUs						
Total, all surveyed fields .....	13.9	13.9	13.0	12.5	12.8	12.9
Total, science and engineering fields .....	14.3	14.3	13.3	15.7	15.9	15.6
Sciences, total .....	17.1	17.2	16.1	16.6	16.9	16.1
Physical sciences .....	29.4	33.0	19.8	27.8	34.4	27.7
Earth, atmospheric, and ocean sciences .....	18.8	23.5	31.6	35.6	38.2	34.4
Mathematical sciences .....	19.7	18.7	12.0	20.4	17.4	19.2
Computer sciences .....	12.1	10.3	13.2	20.2	16.6	13.9
Agricultural sciences .....	50.0	36.4	37.3	76.9	35.5	38.6
Biological sciences .....	27.0	26.5	30.1	24.0	29.0	30.0
Psychology .....	16.0	25.5	10.3	11.5	10.3	10.2
Social sciences .....	15.2	14.2	15.6	15.3	17.1	15.8
Engineering .....	6.0	5.3	5.0	5.4	5.0	9.5
Health fields .....	8.0	9.9	10.0	3.5	4.8	5.6

**NOTE:** For 1991 and earlier years, permanent residents were included under "students with temporary visas." Beginning in 1992, permanent residents were included with U.S. citizens or permanent residents.

**SOURCE:** National Science Foundation/Division of Science Resources Studies, Survey of Graduate Students and Postdoctorates in Science and Engineering